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Attorney Docket Number NC 84,381

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ITJ
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Application of: Doolan, et al

TC/A.U.: 1646

Customer No.: 22245

Docket No.: NC 84,381

Serial No.: 10/706,088

Filed: November 13,

2003

Title: METHODS AND COMPOSITIONS FOR INDUCING IMMUNE RESPONSES
AND PROTECTIVE IMMUNITY BY PRIMING WITH ALPHAVIRUS REPLICON
VACCINES

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Notice to Comply with Requirements for Patent Applications Containing
Nucleotide Sequence and/or Amino Acid Sequence was mailed on April 24, 2007, which
required:

1. A substitute computer readable form (CRF) copy of the Sequence Listing;
2. A Substitute paper copy of the Sequence Listing, as well as an amendment
directing its entry into the specification; and
3. A statement that the sequence listing information recorded in computer readable
form is identical to the written sequence listing and include no new matter.

In response to this Notice to Comply, please amend the above-identified application as
follows:

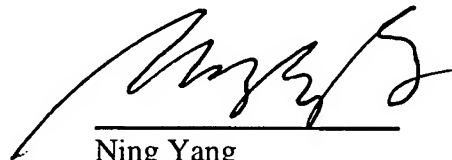
Amendments to the Sequence listing begin on page 2 of this paper.

Amendments to the Sequence Listing:

Please replace the original sequence listing 1 -14 (paper and compact disc copies) with the substitute sequence listing (paper and compact disc copies, which is attached to this amendment. The compact disc(s) contains both the original sequence listing, which is named "doolan.ST25" and the substitute sequence listing, which is named "Substitute Sequence Listing".

I hereby state that the amendments, made in accordance with 37 CFR 1.825(a), included in the substitute sheet(s) and compact disc(s) of the Sequence Listing are supported in the application, as filed, at 11/13/2003. I hereby state sequence listing information recorded in computer readable form is identical to the written sequence listing and include no new matter.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Ning Yang', is written over a horizontal line.

Ning Yang
Reg. No. 55,750
Customer No. 22245

Date: May 22, 2007